

### **Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

### **Listing of Claims:**

1. **(Currently Amended)** An extraction method, wherein it comprises the flowing steps: crushing and soaking the a raw material Chinese traditional medicine or plant, and then extracting, wherein the extracting step is carried out under a 18~33 kHz nonlinear vibration, using water as a solvent, under the a pressure of 25~35 MPa and at a the temperature of 0~50°C, thus obtaining a extract which contains the active components of the Chinese traditional medicine or plant raw material.
2. **(Original)** An extraction method of claim 1, wherein the extraction temperature is 20°C~50°C.
3. **(Original)** An extraction method of claim 1, wherein the extraction time is 1~3 hours.
4. **(Currently Amended)** An extraction method of claim 1, wherein the ratio of raw material Chinese traditional medicine or plant to water solvent by weight is 1:3~5.
5. **(Canceled)**
6. **(Original)** An extraction method of claim 1, wherein said method further includes the step of carrying out the direct liquid package to the said extraction liquid.
7. **(Original)** An extraction method of claim 1, wherein said method further includes the steps of the concentrating and drying the said extraction liquid.
8. **(Currently Amended)** An extraction apparatus for carrying out the extraction method of claim 1, comprising: an extracting can comprising a can body and a top lid, a sealing structure to seal the can body and the top lid, and a pipeline connection to input the water into the

can body and output the extraction liquid; wherein said apparatus further comprises a high pressure pump, which is linked to the extracting can and adapted to maintain the high pressure in the extracting can under 10025-35 MPa; wherein a raw material can and a nonlinear vibration apparatus emitting nonlinear vibration with the frequency in the range of 18 KHz~33 KHz are set in the inner of extracting can; wherein said top lid is equipped with a conducting line-connecting hole and a vent hole connected with a seal valve to connect said nonlinear vibration apparatus with the external electrical source; wherein a water-supplying system is connected with said water-inputting pipe connection to input the water to said extracting can; wherein a material pump and a material liquid is connected to the extracting can through the extraction liquid-outputting pipe connection.

9. (Original) An extraction apparatus of claim 8, wherein said nonlinear vibration apparatus is a string of nonlinear vibration apparatus consisting of many vibration apparatuses emitting nonlinear vibration, with the axes of the adjacent nonlinear vibration apparatus perpendicular in different surfaces with each other, wherein said nonlinear vibration apparatus has two proximate ends with outputting curve surface and a vibrating slice set between the two proximate end, and an insulation layer is set outside of the vibrating slice, and a conducting line connects the vibrating slice with the external electrical resource of the extracting can.

10. (Original) An extraction apparatus of claim 8, wherein said raw material can is a cylindrical bracket enwrapped with filter cloth bag, and there is a hook set in the center of the bracket top to hang the nonlinear vibration apparatus.

11. (Original) An extraction apparatus of claim 8, wherein said sealing structure is the collar and a seal washer between the can body and the top lid, wherein said can body is also equipped with circulating pump externally to circulate the liquid in the extracting can.

12. (Original) An extraction apparatus of claim 8, wherein the extracting can is further equipped with a temperature-controlling apparatus externally, to maintain the temperature in the range of 20°C~50°C.

13. (Original) An extraction apparatus of claim 12, wherein said temperature-controlling apparatus is a heating-and-warming layer equipped on the external of extracting can.

14. (Original) An extraction apparatus of claim 8, wherein said water-supplying system has a water-processing machine and a water pump to inputting liquid into the extracting can.

15. (Currently Amended) An extraction apparatus of claim 8, wherein said extracting can ~~is~~ be connected with a material pump and a material liquid can through the pipeline interface outputting extraction liquid.

16. (Original) An extraction apparatus of claim 11, wherein said circulating pump is magnetic pump.

17. (Original) An extraction apparatus of claim 8, wherein the sealing valve is further connected with an air compressor.

18. (Original) An extraction apparatus of claim 8, wherein said apparatus further has a concentrating system connected with the material liquid can.

19. (Original) An extraction apparatus of claim 18, wherein said concentrating system is a supersonic atomization apparatus comprising the air-filtrating machine set on the top, a atomization room on the middle part, a gas-gathering room and gas-outputting fan set under the atomization room, wherein there is a plural of supersonic generators set in the atomization room, and a liquid-inputting hole inputting the extraction liquid and liquid-outputting hole outputting the concentrated liquid set on the side wall of the atomization room.

20. (New) An extraction method for a Chinese traditional medicine or plant, wherein said method is carried out in the following extraction apparatus:

Said extraction apparatus comprises an extracting can which comprising a can body and a top lid, a sealing structure to seal the can body and the top lid, and a pipeline connection to input the water into the can body and output the extraction liquid; wherein said apparatus further

comprises a high pressure pump, which is linked to the extracting can and adapted to maintain the high pressure in the extracting can under 25-35 MPa; wherein a raw material can and a nonlinear vibration apparatus emitting nonlinear vibration with the frequency in the range of 18 KHz~33 KHz are set in the inner of extracting can; wherein said top lid is equipped with a conducting line-connecting hole and a vent hole connected with a seal valve to connect said nonlinear vibration apparatus with the external electrical source; wherein a water-supplying system is connected with said water-inputting pipe connection to input the water to said extracting can; wherein a material pump and a material liquid is connected to the extracting can through the extraction liquid-outputting pipe connection;

Said extraction method comprises:

Crushing and soaking a Chinese traditional medicine or plant, transferring the obtained material into said extracting can, and then performing a extracting step in said extracting can, wherein the extracting step is carried out under a 18~33 kHz nonlinear vibration, using water as a solvent, under a pressure of 25~35 MPa and at a temperature of 0~50°C, thus obtaining a extract which contains the active components of the Chinese traditional medicine or plant; wherein,

the pressure of 25~35 MPa in said extracting can is maintained by the high pressure pump linked to the extracting can, and the nonlinear vibration are performed with a nonlinear vibration apparatus set in the inner of extracting can emitting nonlinear vibration with the frequency in the range of 18 KHz~33 KHz.

21. **(New)** An extraction method of claim 20, wherein the extraction temperature is 20°C~50°C; the extraction time is 1~3 hours; the ratio of Chinese traditional medicine or plant to water solvent by weight is 1:3~5.

22. **(New)** An extraction method of claim 20, wherein said nonlinear vibration apparatus is a string of nonlinear vibration apparatus consisting of many vibration apparatuses emitting nonlinear vibration, with the axes of the adjacent nonlinear vibration apparatus perpendicular in different surfaces with each other, wherein said nonlinear vibration apparatus has two proximate ends with outputting curve surface and a vibrating slice set between the two proximate end, and a insulation layer is set outside of the vibrating slice, and a conducting line connects the vibrating slice with the external electrical resource of the extracting can.

23. (New) An extraction method of claim 20, wherein said raw material can is a cylindrical bracket enwrapped with filter cloth bag, and there is a hook set in the center of the bracket top to hang the nonlinear vibration apparatus.

24. (New) An extraction method of claim 20, wherein said can body is also equipped with circulating pump externally to circulate the liquid in the extracting can.

25. (New) An extraction method of claim 20, wherein said apparatus further has a concentrating system connected with the material liquid can.

26. (New) An extraction method of claim 25, wherein said concentrating system is a supersonic atomization apparatus comprising the air-filtrating machine set on the top, a atomization room on the middle part, a gas-gathering room and gas-outputting fan set under the atomization room, wherein there is a plural of supersonic generators set in the atomization room, and a liquid-inputting hole inputting the extraction liquid and liquid-outputting hole outputting the concentrated liquid set on the side wall of the atomization room.